

GILA RIVER BASIN

09512420 LYNX CREEK TRIBUTARY NEAR PRESCOTT, AZ

LOCATION.--Lat 34°32'51", long 112°23'58", in SE ¹/₄ sec.31, T.14 N., R.1 W., Yavapai County, Hydrologic Unit 15060202, on Walker Road, 400 ft south of State Highway 69, and 4 mi east of Prescott.

DRAINAGE AREA.--0.95 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1967	00-00-67	820		1972	00-80-72	320	
1968	00-00-68	300	ES	1973	10-07-72	130	
1969	09-13-69	10	ES	1974	07-20-74	155	
1970	09-04-70	205		1975	00-00-75	0	
1971	08-00-71	160		1976	02-09-76	12	

Magnitude and probability of instantaneous peak flow based on period of record 1967-76

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2 50%	5 20%	10 10%	25† 4%	50† 2%	100† 1%
106	403	761	1,430	2,100	2,910
Weighted skew	(logs) =	-0.41			
Mean	(logs) =	1.97			
Standard dev.	(logs) =	0.74			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
101	2.2	5,900	26.0	1.0	16.0	2.1	4.4

